

Serial No.: 10/600,752  
Atty. Docket No.: P68705US0

**IN THE SPECIFICATION:**

On page 9, please amend the first full paragraph beginning on line 4, as follows:

--The selection of the filter colors according to the present invention takes into account that the human eye has its greatest sensitivity in the visual spectrum at approximately 555nm. As representatively shown in Figure 2, high transmission in the yellow filter 20 may begin at approximately 510nm, with a preferred peak of about 555nm. This near-matching of the yellow filter to the most light-sensitive cones heightens the conflict with what is seen by the green-light-filtered, better-acuity eye. The green filter high transmission 22 begins at about 470nm, with an optimal peak of approximately 500nm. With both lenses within these high transmission zones defining a hetero-chromic zone of functionality 24, there is no subjective color "mix" or "yellowing". In addition, photon sensitivity 26 is maximized in the yellow filter, while greater differentiation is obtained due to the increased scattering effect 28 that is present in the shorter green wavelengths. Suggested evidence of this is that Short Wavelength Filters (SWAF-'Blue-Blockers') significantly lowered the performance of color-normal observers (Farnsworth Dichotomous Test). In addition, iso-chromic filtration of light

Serial No.: 10/600,752  
Atty. Docket No.: P68705US0

does not have the 'provoking' effect of hetero-chromic  
filtration.--

On page 14, please amend the second paragraph as  
follows:

--It was felt that if the peak or high transmission  
nanometer areas of both the green and yellow filters were  
relatively close (within the visible spectrum), there would be  
less potential to disrupt binocularity and the 'harlequin'  
appearance would be less cosmetically objectionable.  
Spectrophorometry transmission curves for such green and yellow  
dyes are depicted in Figures 3 and 4, respectively, and show that  
transmission greater than about 60 percent begins at  
approximately 470nm for the green filter and at approximately  
500nm for the yellow filter. Representative coloring agents  
include Green Dye C200-70 and Yellow Dye C200-61 from Phantom  
Research Labs. BPI also has dyes with similar characteristics  
(BPI Green Pill and BPI Winter Sun).--